

# Differential Seismic Modelling of Solar-like Stars

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## Özet

CoRoT (Convection Rotation and planetary Transits) observations provide the opportunity to study a large sample of stars ranging from the Main Sequence (MS) to the Red Giant Branch. With the large increase in the number of stars showing solar-like oscillations, we intend to extract as much information as possible from a low signal-to-noise ratio (SNR) oscillation spectrum, benefiting from comparison with a reference star having similar seismic and fundamental parameters. We propose a differential method to determine stellar properties of solar-like oscillations which we call "differential seismology of stellar twins".

**Anahtar Kelimeler:** stars: oscillations (including pulsations), Yıldızlar, Ötegezegenler

## Editör Notu:

Bu bildiri UAK-2015'te sunulmuştur. Bildiri sahibi tam metin göndermediği için başvuru sırasındaki özet basılmıştır.

**Erişim:**

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